USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: January 5, 2007

Mr. Dave Liagre
U.S. Army Corps of Engineers
Louisville District
P.O. Box 59
Attn: ORLOR-R/Ron Waller
Louisville, KY 40201

Dear Mr. Liagre:

Summaries of the 1983-2006 gypsy moth trapping program conducted at four Army Corps of Engineers sites within the Louisville District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at each site (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and to help determine when more intensive survey methods should be employed.

Also enclosed are Figures 2a-2d which show the 2006 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each Figure show close-ups of the STS results in relation to the four Corps site properties. For more information regarding the STS program, visit http://www.gmsts.org.

West Fork Lake trapped two male gypsy moths. Total trap catch at Clarence J Brown Dam decreased from 96 moths in 2005 to 28 moths in 2006. This decrease is most likely a result of the STS aerial treatments at and around CJ Brown Dam in the spring of 2006. Zero gypsy moths were trapped at Caesar Creek Lake and William Harsha Lake. Based on these results, gypsy moth populations will not impact the forest resources at these Corps sites in the immediate future.

It is important for Corps personnel to look for other gypsy moth life stages while performing their normal duties. Visit our GM web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity in 2007. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

DANIEL B. TWARDUS
Acting Field Representative
Morgantown Field Office

Enclosures

Cc: Noel Schneeberger, AO
Dave Johnstone, Caesar Creek Lake
Brian Menker, Clarence J. Brown Dam
Steve Lee, Miami River Area
Steve Shulte, West Fork Lake
David Zagurney, William Harsha Lake
Dave Adkins, OHDA
Dan Balser, OHDNR

JWH/KDF/blm

Table 1.- - Summary of the 1983-2006 gypsy moth trapping results, Louisville District, U.S. Army Corps of Engineers

Caesar Creek Lake (Warren and Clinton Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	19	0	- -
1986	19	0	- -
1987	19	0	- -
1988	19	0	- -
1989	19	0	- -
1990	19	0	- -
1991	15	0	- -
1992	15	1	# 2
1993	15	0	- -
1994	14	0	- -
1995	14	1	# 11
1996	15	0	- -
1997	14	1	# 5
1998	13	0	--
1999	14	6	#1, 5, 8, 12
2000	14	19	#3, 4, 6, 7, 10, 11-14
2001	14	10	#1, 3-8, 10, 12, 14
2002	14	0	--
2003	14	1	# 4
2004	14	0	--
2005	14	0	--
2006	14	0	--

Clarence J. Brown (Clark County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	10	0	- -
1985	10	0	- -
1986	10	0	- -
1987	10	0	- -
1988	10	0	- -
1989	10	0	- -
1990	10	4	# 2, 3, 4
1991	10	0	- -
1992	10	0	- -
1993	10	1	# 9
1994	13	0	- -
1995	13	1	# 11
1996	13	0	- -
1997	13	23	# 2-5, 7, 10-13
1998	13	7	# 3, 9, 11, 13
1999	13	25	All except # 2, 3
2000	13	9	#4, 8, 9, 11, 12
2001	13	2	# 4, 9
2002	13	1	# 2
2003	13	3	# 5, 8, 13
2004	13	17	# 1,2,4,6,7,10, 12, 13
2005	14	96	All
2006	14	28	# 5-9, 11

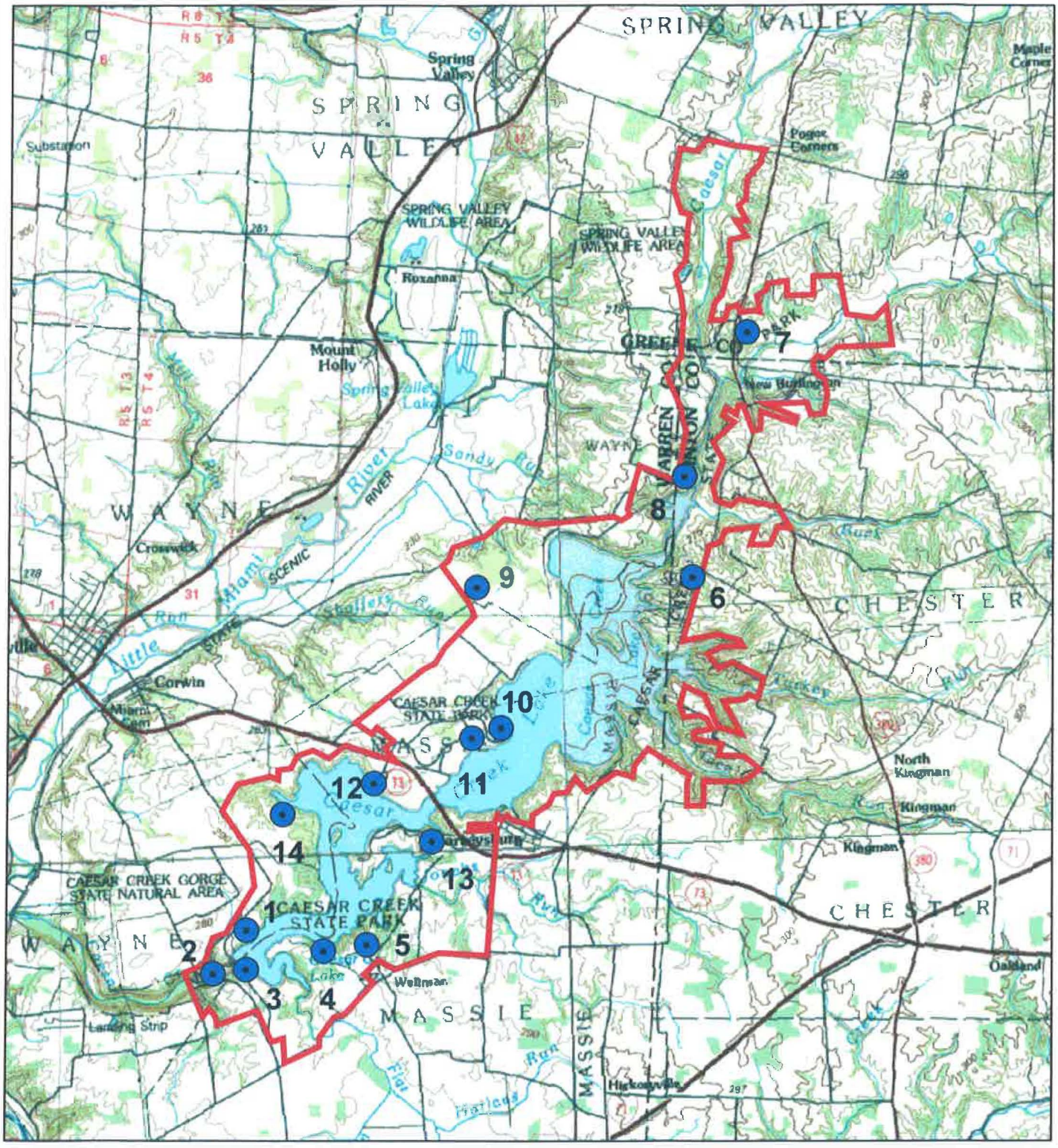
West Fork Lake (Hamilton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	10	0	- -
1985	10	0	- -
1986	10	0	- -
1987	10	0	- -
1988	10	0	- -
1989	10	0	- -
1990	10	0	- -
1991	10	0	- -
1992	10	0	- -
1993	10	0	- -
1994	10	0	- -
1995	10	0	- -
1996	10	0	- -
1997	10	0	- -
1998	10	0	--
1999	8	10	All except # 7
2000	8	9	All except #2, 6
2001	8	3	--
2002	8	0	--
2003	8	0	--
2004	8	4	# 4, 6
2005	8	1	# 4
2006	8	2	# 2

William H. Harsha Lake (Clermont County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	0	- -
1990	15	0	- -
1991	11	0	- -
1992	11	0	- -
1993	11	0	- -
1994	11	0	- -
1995	12	0	- -
1996	12	0	- -
1997	12	0	- -
1998	12	0	--
1999	12	14	# 1, 2, 3, 5, 7, 11, 12
2000	12	2	#2
2001	12	4	--
2002	12	0	--
2003	12	0	--
2004	12	0	--
2005	12	0	--
2006	12	0	--

Figure 1a.--2006 gypsy moth trap locations at Caesar Creek Lake.



Legend

Approximate Project boundary

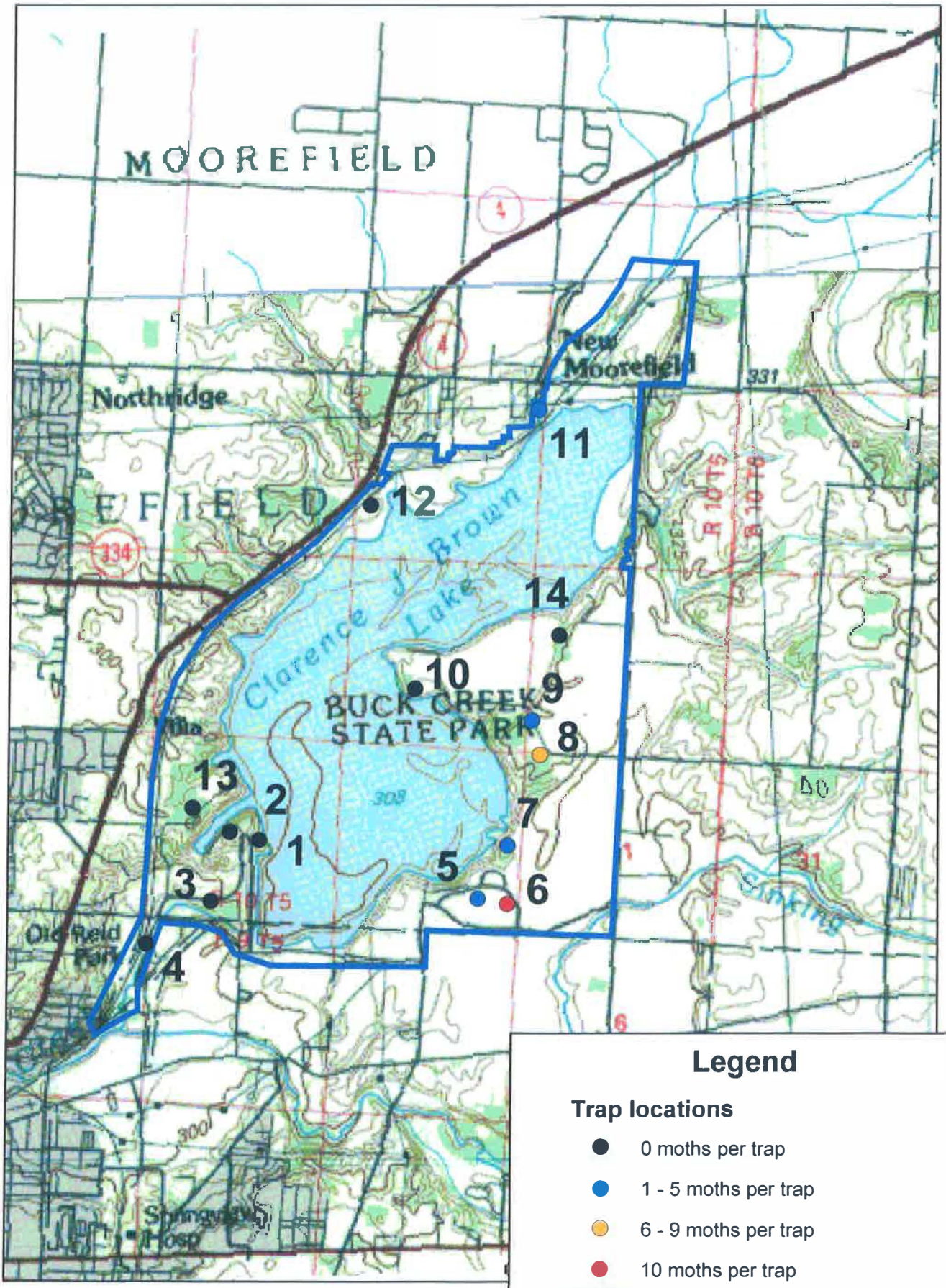
Trap Locations

0 0.5 1 2 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

12/06 KDF

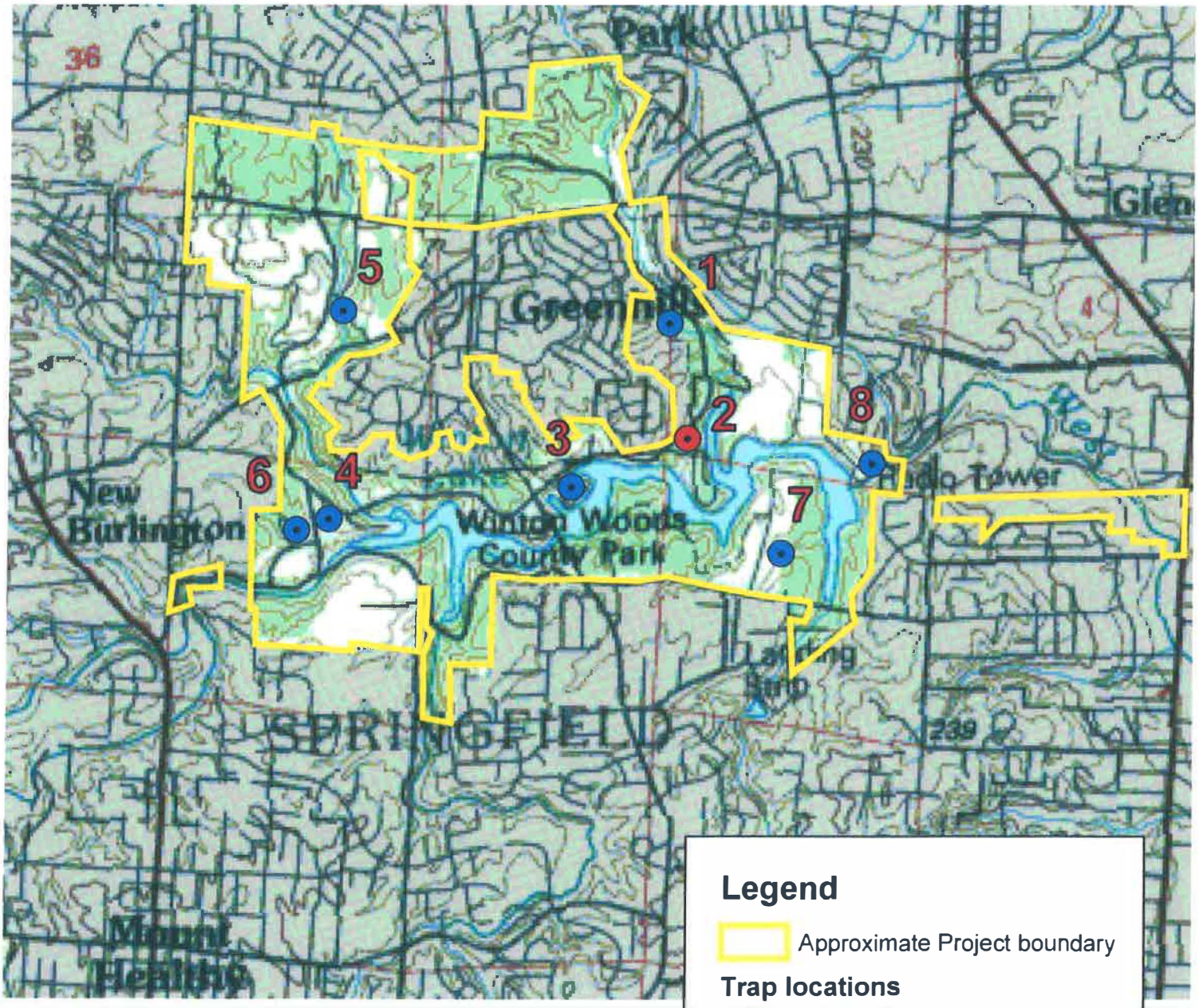
Figure 1b.--2006 gypsy moth trapping results at Clarence J. Brown Reservoir.



USDA Forest Service, State & Private Forestry, Morgantown, WV

12/06 KDF

Figure 1c.--2006 gypsy moth trap locations at West Fork Lake.



USDA Forest Service, State & Private Forestry, Morgantown, WV

1/07 KDF

Figure 1d.--2006 gypsy moth trap locations at William H. Harsha Lake.

Legend

Trap locations

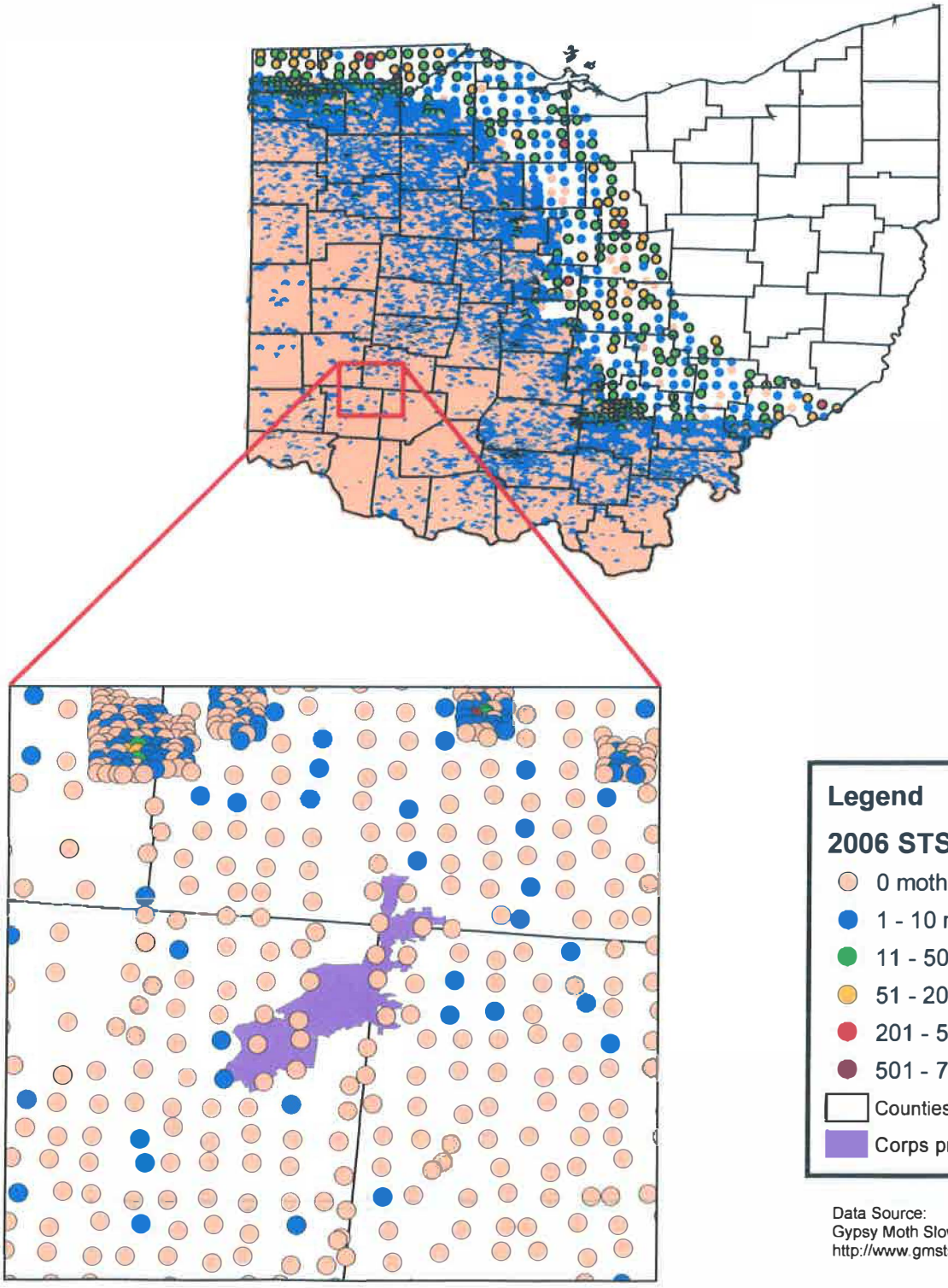
- 0 moths per trap
- 1 moth per trap
- Approximate Project boundary

0 0.5 1 2 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

1/07 KDF

Figure 2a.--2006 Slow-the-Spread trapping results in Ohio and in the proximity of Caesar Creek Lake.



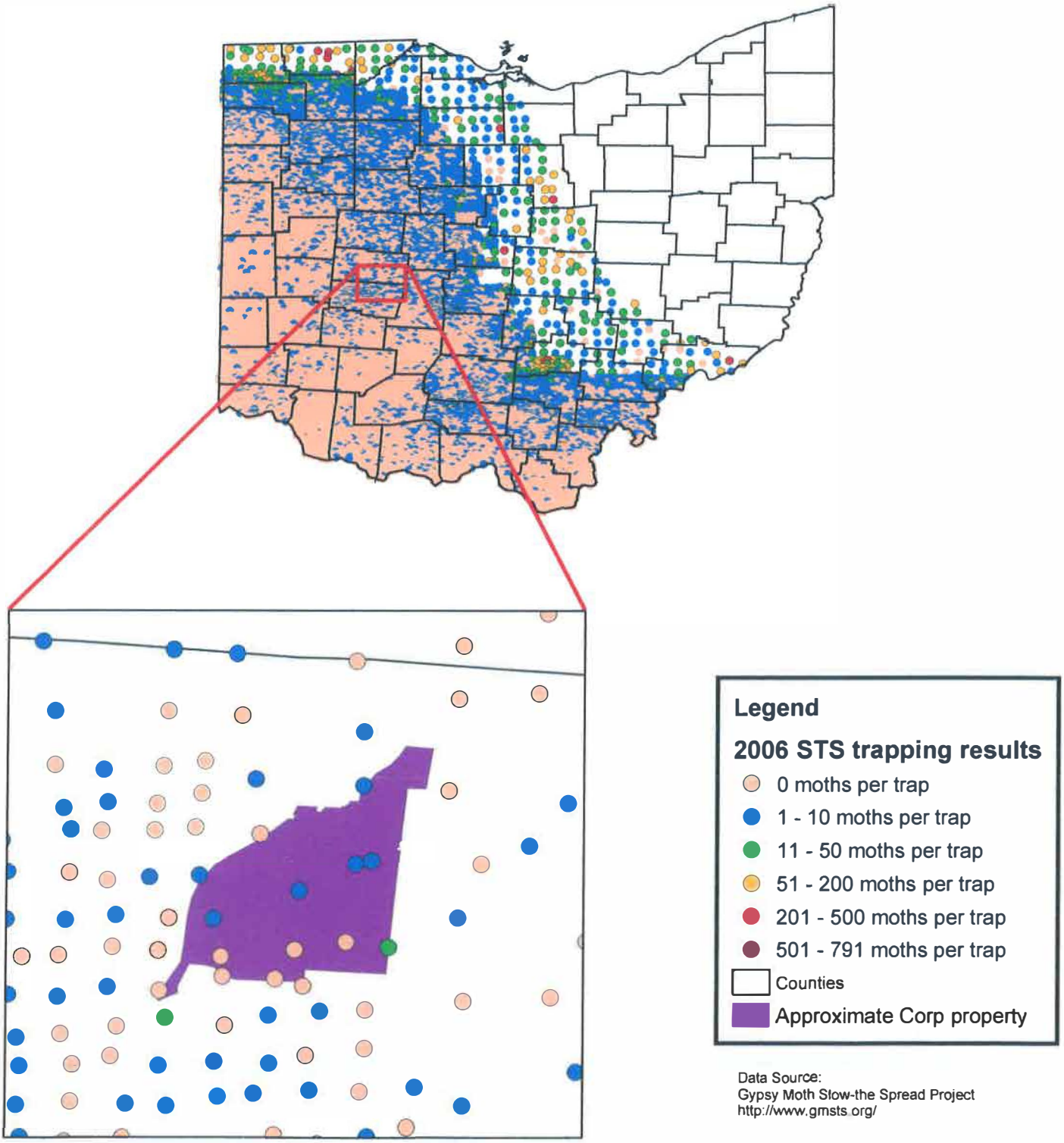
Legend

2006 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 791 moths per trap
- Counties
- Corps property

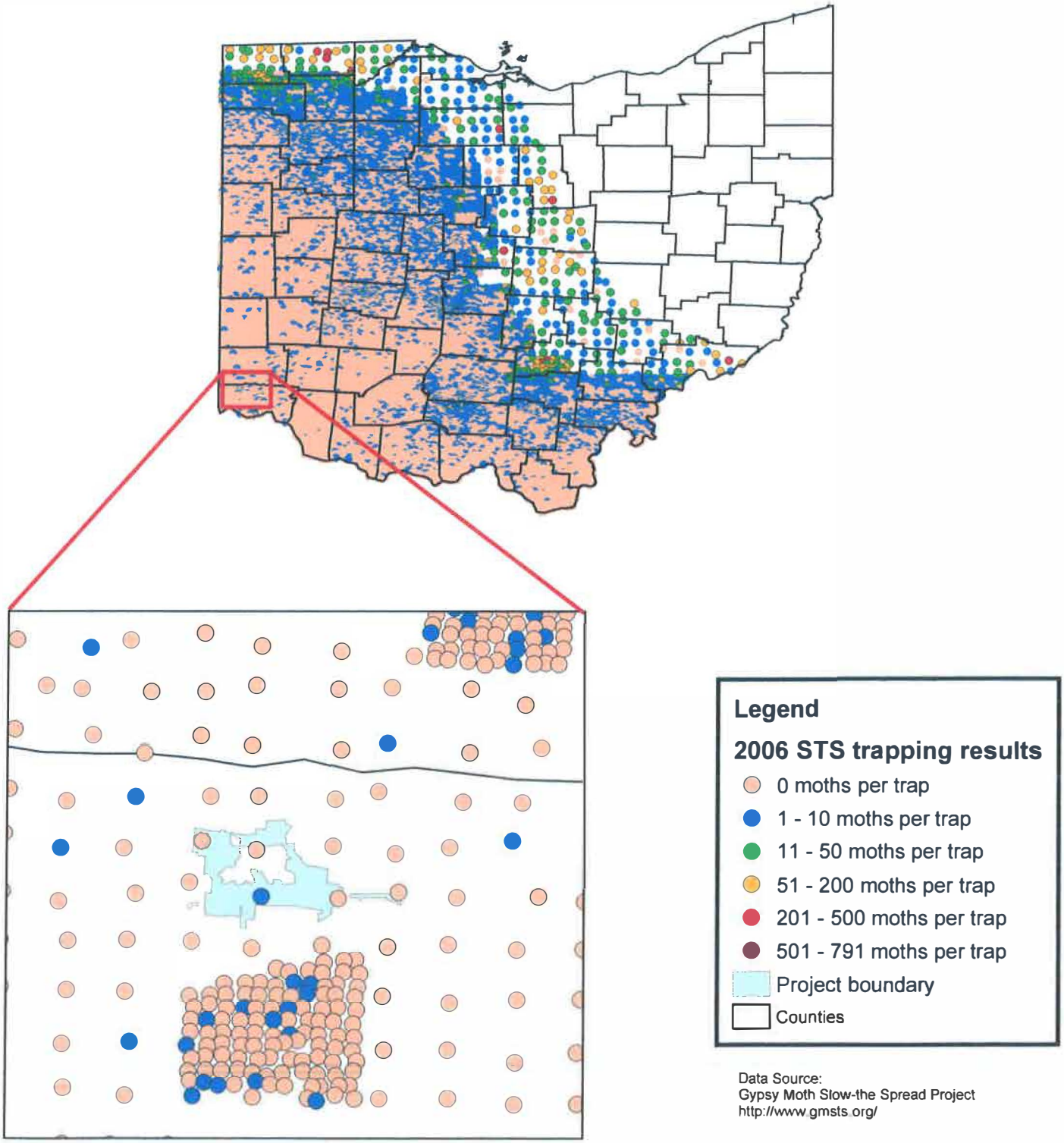
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2b.--2006 Slow-the-Spread trapping results in Ohio and in the proximity of Clarence J Brown Reservoir.


Legend
2006 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 791 moths per trap
Counties
Approximate Corp property

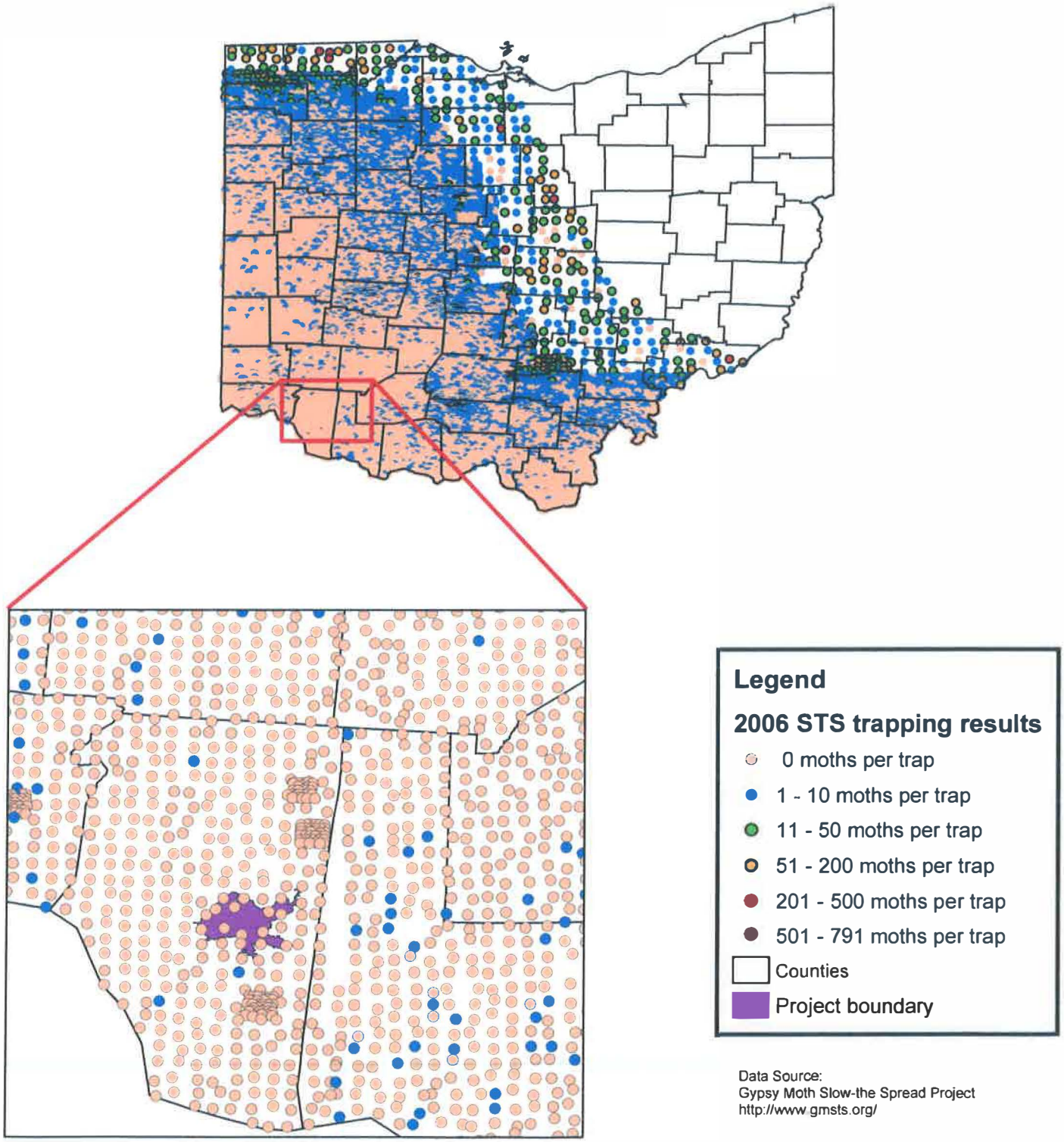
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2c.--2006 Slow-the-Spread trapping results in Ohio and in the proximity of West Fork Lake.


Legend
2006 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 791 moths per trap
Project boundary
Counties

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2d.--2006 Slow-the-Spread trapping results in Ohio and in the proximity of William H. Harsha Lake.


Legend
2006 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 791 moths per trap
Counties
Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/